

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT
APPLICATION TRANSMITTAL LETTER

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer Number 21839

Sir:

Enclosed for filing is the utility patent application entitled:

Gas Supplying Apparatus for Atomic Layer Deposition

by the following named inventor(s):

Jae-Cheol LEE; Ran-ju JUNG; and Youn-taek RYU

☒ Applicant(s) suggests Figure 3 for inclusion on the front page of the patent application publication and patent.

☒ Applicant(s) requests that the published application include the following assignment information:
Samsung Electronics Co., Ltd., Gyeonggi-do, Republic of Korea

☐ Small entity status is claimed.

Also enclosed are:

DRAWINGS: 7 sheets of formal drawings sheets of informal drawings

DECLARATION: ☐ will follow ☒ executed, is enclosed ☐ unexecuted, is enclosed

ASSIGNMENT: ☒ is enclosed ☐ will follow

Page 2 of 3

- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☒ Charge \$ 990.00 to credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Please address all correspondence concerning this application to:

Burns, Doane, Swecker & Mathis, L.L.P.
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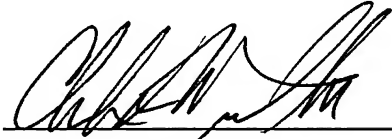
Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Filed: April 14, 2004

By



Charles F. Wieland III
Registration No. 33,096

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Lee, Jae-cheol et. al.

Application No.:

Filing Date: April 14, 2004

Title: Gas Supplying Apparatus for Atomic Layer Deposition

Group Art Unit:

Examiner:

Confirmation No.:



GENERAL AUTHORIZATION FOR PETITIONS
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.


Respectfully submitted,

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